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	AI6	1	7,972	01/30/1996	Gelfand et al.	435	5	6	01/05/1993
	AJ6	5,50	3,979	04/02/1996	Kramer et al.	435	5	6	08/26/1994
V	AK6	6,27	7,607 B1	08/21/2001	Tyagi et al.	435	5	91.2	05/24/1999
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2	AS	<u>20</u>	semiautom	ated mutation	t al., "Molecular bead n analysis," <i>Clin. Ch</i> cal Chemistry (March 1	em. 44: 4	ew app: 82-486	roach fo , Americ	r an
2	A T (<u>20</u>	Haas, S., 26:3006-3	et al., "Pr 012, Oxford U	imer design for large Jniversity Press (June	scale se e 1998).	quenci	ng," <i>Nuc</i>	l. Acids Res.
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V	AS	<u>21</u>	Kramer, F	F.R. and Liza nillan Journa	rdi, P.M., "Ro ls Ltd. (1989	eplicatable RN).	NA report	ers," <i>N</i> at	ure 339:401-
N	AT	<u>21</u>	Lengauer, 396:643-6	C., et al., 549, Macmilla	"Genetic ins n Journals Lt	tabilities in d. (December 1	human ca 1998).	ncers," N	Vature

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FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Leone, G., et al., "Molecular beacon probes combined with amplification by AR <u>22</u> NASBA enable homogeneous, real-time detection of RNA, " Nucl. Acids Res. 26:2150-2155, Oxford University Press (May 1998).

Marras, S.A.E., et al., "Multiplex detection of single-nucleotide variations using molecular beacons," Genetic Analysis: Biomolecular Engineering 14:151-AS <u>22</u> 156, Elsevier Science B.V. (February 1999).

Monia, B.P., et al., "Selective Inhibition of Mutant Ha-ras mRNA Expression by Antisense Oligonucleotides," J. Biol. Chem. 267:19954-19962, American Society AT22 for Biochemistry and Molecular Biology, Inc. (1992).

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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1	AT	23	Serra, M	.J. and Turne zymol. 259:24	er, D.H., "Predictin 12-261, Academic Pre	ng Thermody ess, Inc.	vnamic I (1995).	Propertie	s of RNA,"
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1	AS	<u>25</u>			Techniques 22:130-13			
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2	AT	<u>25</u>	Zubritsk <i>71</i> :191A-	y, E., "Pinr 195A, Americ	ning Down PCR," <i>Anal</i> can Chemical Society	ytical Chemistry (March 1999).	News & Fe	atures

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